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File: DWPI

DERWENT-ACC-NO: 1973-13993U
 DERWENT-WEEK: 197310
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TITLE: Artificial feedstuff for silkworms - by pelletising essential ingredients and adding other nutrients, etc from soln

PATENT-ASSIGNEE:

ASSIGNEE

NIPPON SCIENTIFIC COMPOUN

CODE

NIS N

PRIORITY-DATA: 1969JP-0087146 (October 30, 1969)

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PATENT-FAMILY:

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JP 73007060 B

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ABSTRACTED-PUB-NO: JP 73007060B

BASIC-ABSTRACT:

Artificial feedstuff for silkworms is prepd. by forming a porous pellet of the essential components, and dipping it in an aq. soln. contg. vitamins, enzymes, chloroplast, preservatives, and other nutrient sources. The need for sterilising by heating is avoided, and thus thermolabile nutrients are not decomposed. Prod. has good storage props. In an example, mixt. of 20 pts. mulberry leaf powder, 25 pts. soy bean meal, 25 pts. defatted rice bran, 15 pts. potato starch, 5 pts. glucose, 9 pts. cellulose powder, 0.5 pts. dipotassium phosphate and 0.5 pts. Wesson's inorg. salt was pulverised, blended, pelletised and dried at 80 degrees C. The pellets were dipped in a soln. contg. (pts.wt./l.) 0.5 vitamin C, 0.2 choline chloride, 0.2 sorbic acid, 0.5 inositol, 0.5 vitamin mixt., 0.5 acrylic acid and 20 homogenised liquor of green mulberry leaf, for 10 mins.

TITLE-TERMS: ARTIFICIAL FEEDSTUFF SILKWORM PELLET ESSENTIAL INGREDIENT ADD NUTRIENT SOLUTION

DERWENT-CLASS: C03 D13

CPI-CODES: C03-L; C04-A07D; C04-A07F; C04-C02; C04-D01; C05-B02A; C12-L09; C12-M06; C12-M11; D03-G;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

V330 V300 V400 V800 V711 V712 V713 V714 V722 V723

V794 V404 V406 M431 M782 R002 R031 R032 R033 R034

R036 R038 R043 Q620 M422 M423 M902